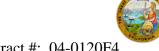
### DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 1.28

## WELDING INSPECTION REPORT

Resident Engineer: Casey, William **Report No:** WIR-028583 Address: 333 Burma Road **Date Inspected:** 08-Oct-2012

City: Oakland, CA 94607

**Project Name:** SAS Superstructure **OSM Arrival Time:** 700 **OSM Departure Time:** 1530 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: American Bridge/Fluor Enterprises, a JV **Location:** S.A.S. Job site

**CWI Name:** Steve Jensen **CWI Present:** Yes No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A **Qualified Welders:** Yes No N/A **Verified Joint Fit-up:** Yes No N/A N/A Yes N/A **Approved Drawings:** Yes No **Approved WPS:** No Yes N/A **Delayed / Cancelled:** No

34-0006 **Bridge No: Component:** S.A.S. Structure

### **Summary of Items Observed:**

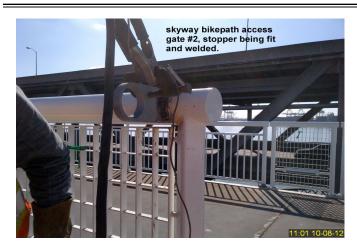
The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI witnessed work in progress related to Contract Change Order (CCO) 179. The QAI noted that the flux cored arc welding (FCAW) fillet welding is being performed by Jason Collins, ID 8128. At several access gate locations, one of the gate stoppers will be fit-up and welded. The QAI noted that the Quality Control Inspector (QCI) Steve Jensen is monitoring this work. The QAI was informed that the welding procedure specification (WPS) being used is ABF-WPS-D15-F1200A Rev.2. During this shift, the QAI made random observations of the work in progress. The QAI noted that the welding appeared to be within the requirements of the WPS and the work appeared to follow the CCO details. The QAI was informed that the work on the first gate stopper (gate #2) has not been completed and will be finished at a later date. See the attached photo.

The QAI reviewed contract documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI continued reviewing the log of approved welding repairs to reference with the reported status of the welds. This work was in progress until the end of the shift.

# WELDING INSPECTION REPORT

(Continued Page 2 of 2)



# **Summary of Conversations:**

The QAI relayed the status of the bikepath welding and document reviews to the QAI Lead Danny Reyes. Except as described above, there were no other notable conversations.

#### **Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas, (916) 764-6027, who represents the Office of Structural Materials for your project.

Inspected By:	Croff,Scott	Quality Assurance Inspector
Reviewed By:	Reyes, Danny	QA Reviewer